

WHAT IS CLAIMED IS:

1. A subscriber profile changing method of changing at an exchange a subscriber profile of a mobile terminal present in a service area of the exchange, said method comprising the steps of:
 - 5 receiving from said mobile terminal, a request to change said subscriber profile;
 - 10 changing said subscriber profile on the basis of said change request and retaining the changed subscriber profile; and
 - 15 retaining information indicating that said subscriber profile has been changed.
 - 15 2. A subscriber profile updating method of updating a subscriber profile of a mobile terminal in a mobile communication system comprising exchanges and a home memory station, when the mobile terminal, which is present in a service area of a first exchange, moves to a service area of a second exchange, said method comprising the steps of:
 - 20 if said subscriber profile as retained by the first exchange is changed while said mobile terminal is present in the service area of said first exchange,
 - 25 transmitting the subscriber profile from said first exchange to said home memory station; and
 - 30 updating, at said home memory station, said

subscriber profile as retained thereby to said subscriber profile as received thereby;

deleting, at said first exchange, said subscriber profile as retained thereby;

5 transmitting said subscriber profile from said home memory station to said second exchange; and

retaining, at said second exchange, said subscriber profile as received thereby.

10 3. A subscriber profile updating method of updating a subscriber profile of a mobile terminal in a mobile communication system comprising an exchange and a home memory station, said method comprising the steps of:

15 if said subscriber profile as retained by the exchange is changed while said mobile terminal is present in a service area of said exchange,

transmitting the subscriber profile from said exchange to said home memory station; and

20 updating, at said home memory station, said subscriber profile as retained thereby to said subscriber profile as received thereby; and

deleting, at said exchange, said subscriber profile as retained thereby.

25 4. An exchange comprising:

means for receiving from a mobile terminal present in a service area of the exchange, a request to change a

subscriber profile of the mobile terminal;

means for changing said subscriber profile on the basis of said change request and retaining the changed subscriber profile; and

5 means for retaining information indicating that said subscriber profile has been changed.

5. A mobile communication system comprising exchanges and a home memory station,

10 one of said exchanges comprising:

means for transmitting a subscriber profile of a mobile terminal to said home memory station if the mobile terminal, which is present in a service area of said one of said exchanges, moves to a service area of another exchange and if the subscriber profile of said mobile terminal as retained by said one of said exchanges is changed while said mobile terminal is present in the service area of said one of said exchanges;

means for deleting the subscriber profile of said mobile terminal as retained by said one of said exchanges if said mobile terminal, which is present in the service area of said one of said exchanges, moves to a service area of another exchange;

means for receiving the subscriber profile of said mobile terminal from said home memory station if said mobile terminal, which is present in a service area of another exchange, moves to the service area of said one

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of said exchanges; and

means for retaining the subscriber profile of said mobile terminal as received by said one of said exchange if said mobile terminal, which is present in a 5 service area of another exchange, moves to the service area of said one of said exchanges, and

said home memory station comprising:

means for receiving the subscriber profile of said mobile terminal from a first exchange if said mobile 10 terminal, which is present in a service area of the first exchange, moves to a service area of a second exchange and if the subscriber profile of said mobile terminal as retained by said first exchange is changed while said mobile terminal is present in the service area of said first 15 exchange;

means for updating said subscriber profile as retained by the home memory station to said subscriber profile as received by the home memory station if said mobile terminal, which is present in the service area of 20 said first exchange, moves to the service area of said second exchange and if the subscriber profile of said mobile terminal as retained by said first exchange is changed while said mobile terminal is present in the service area of said first exchange; and

25 means for transmitting the subscriber profile of said mobile terminal to said second exchange if said mobile terminal, which is present in the service area of

said first exchange, moves to the service area of said second exchange.

6. An exchange for use in a mobile communication system
5 comprising said exchange and a home memory station, said
exchange comprising:

means for transmitting a subscriber profile of a mobile terminal to said home memory station if the mobile terminal, which is present in a service area of said exchange, moves to a service area of another exchange and if the subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange;

means for deleting the subscriber profile of said mobile terminal as retained by said exchange if said mobile terminal, which is present in the service area of said exchange, moves to a service area of another exchange;

means for receiving the subscriber profile of said mobile terminal from said home memory station if said mobile terminal, which is present in a service area of another exchange, moves to the service area of said exchange; and

means for retaining the subscriber profile of said mobile terminal as received by said exchange if said mobile terminal, which is present in a service area of another exchange, moves to the service area of said exchange.

7. A home memory station for use in a mobile communication system comprising exchanges and said home memory station, said home memory station comprising:

5 means for receiving a subscriber profile of a mobile terminal from a first exchange if the mobile terminal, which is present in a service area of the first exchange, moves to a service area of a second exchange and if the subscriber profile of said mobile terminal as retained by

10 said first exchange is changed while said mobile terminal is present in the service area of said first exchange;

means for updating said subscriber profile as retained by the home memory station to said subscriber profile as received by the home memory station if said

15 mobile terminal, which is present in the service area of said first exchange, moves to the service area of said second exchange and if the subscriber profile of said mobile terminal as retained by said first exchange is changed while said mobile terminal is present in the

20 service area of said first exchange; and

means for transmitting the subscriber profile of said mobile terminal to said second exchange if said mobile terminal, which is present in the service area of said first exchange, moves to the service area of said second

25 exchange.

8. A mobile communication system comprising an exchange

and a home memory station,

said exchange comprising:

- means for transmitting a subscriber profile of a mobile terminal to said home memory station if the
5 subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange; and
means for deleting the subscriber profile of said mobile terminal as retained by said exchange, and
10 said home memory station comprising:

- means for receiving the subscriber profile of said mobile terminal from said exchange if the subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present
15 in the service area of said exchange; and
means for updating said subscriber profile as retained by the home memory station to said subscriber profile as received by the home memory station if the subscriber profile of said mobile terminal as retained by
20 said exchange is changed while said mobile terminal is present in the service area of said exchange.

9. A exchange for use in a mobile communication system comprising said exchange and a home memory station, said
25 exchange comprising:

means for transmitting a subscriber profile of a mobile terminal to said home memory station if the

subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange; and

means for deleting the subscriber profile of said

5 mobile terminal as retained by said exchange.

10. A home memory station for use in a mobile communication system comprising an exchange and said home memory station, said home memory station comprising:

10 means for receiving a subscriber profile of a mobile terminal from said exchange if the subscriber profile of said mobile terminal as retained by said exchange is changed while said mobile terminal is present in the service area of said exchange; and

15 means for updating said subscriber profile as
retained by the home memory station to said subscriber
profile as received by the home memory station if the
subscriber profile of said mobile terminal as retained by
said exchange is changed while said mobile terminal is
20 present in the service area of said exchange.